Zefeng (Daniel) Wang

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Availability: July – December 2020

EDUCATION

Northeastern University, Boston, MA   *September 2018 - Present*
Khoury College of Computer Sciences   *May 2022*
Candidate for Bachelor of Science in Computer Science & Business Administration (Finance)   **GPA:**3.7/4.0
Minor in Mathematics
Relevant Courses: Algorithms and Data, Object Oriented Design, Linear Algebra, Computer Systems, Database Design
Honors and Awards: Dean's List, International Scholar, Top 10/Best Rookie Award at Hack Beanpot 2019

COMPUTER KNOWLEDGE

Languages: Java, JavaScript (NodeJS, React), SQL, (Familiar with) Python, C, Bash, HTML, CSS, Racket ISL
Tools/Libraries: Babel, Firebase, Gradle, Jest, Linux, MacOS, Mocha, NPM, Sequelize, Vim, Yarn,
Miscellaneous: Git, GitHub, JSON, RESTful APIs, XML

EXPERIENCE

BusRight, Inc   *November 2019 - Present*
Backend Web Engineer   Boston, MA
- Improving web API by adding new features and enforcing test-driven development through Mocha framework
- Migrated the route builder functionality to more customizable API using NodeJS and Axios HTTP client
- Improved password reset process by adding API endpoints to get info from Firebase & send via SendGrid

Sandbox at Northeastern   *September 2019 - Present*
Developer   Boston, MA
- Maintaining and improving SearchNEU, a React/Node website that facilitates searching for classes at NEU
- Implementing changes to ensure data on site is accurate, durable, and updated for 42,000 unique users

HackBeanpot Inc   *May 2019 – Present*
Core Team – Sponsorship   Boston, MA
- Engaged in agile environment to organize annual hackathon for approximately 200 Boston students
- Designed sponsorship packet and worked with dozens of companies to raise ~$20,000 in financial backing
- Led team of three in revamping judging system for students' projects to be more holistic and efficient

DoubleBridge Technologies   *July – August 2019*
Mobile App Development Intern   Princeton, NJ
- Researched and presented use of Android Studio for mobile development in Java to team of three
- Developed application that performs CRUD operations on MySQL database through PHP framework
- Created Android app that makes API calls asynchronously using REST API and parses through JSON data

PROJECTS

SearchNEU (NodeJS, Cheerio, PostgreSQL)   *September 2019 - Present*
- Rewrote scraper classes that produce info from colleges' sites with Cheerio implementation of jQuery
- Moving data to relational database in PostgreSQL by creating data models using Sequelize
- Refactoring JavaScript backend and enforcing reliability using Jest framework and snapshot testing

Emojify (Google Cloud API, Twilio API, Node.JS)   *November 2019*
- Built program that translates text message from English into emojis using Twilio's Programmable SMS
- Trained dataset that classifies content using custom categories with Google's AutoML Natural Language API
- Developed using Node to integrate Twilio API and send responses based on result of Python script

CrimePot (Python, Flask)   February *2019*
- Implemented Google Maps API with HTML/CSS/JavaScript to place markers representing crimes on map
- Performed HTTP requests using Flask microframework to retrieve data from CKAN action API
- Filtered through JSON data based on user parameters and then converted to GeoJSON in Python

Interests: hockey, musical performance (drums, clarinet), mahjong, travel, competitive programming